Unit 3

The Future

Lunar Land Use
Life Support Systems
Lunar Biosphere

The activities in this unit spark interest in responsible land use and sustainable human settlements on the Moon. Each activity uses and reinforces all the knowledge the students have been gaining about the Moon and Earth from Units 1 and 2. These activities require teamwork, research, and development of model systems.

The maps produced by Clementine and Lunar Prospector will be useful for planning other types of missions, such as automated sample returns, robotic rovers, or human exploration. The chemical data allow sensible choices of landing sites to be made to optimize the scientific or industrial return from future missions.

A Resource Section for Unit 3 is on Page 100.

Unit 3

Resource Section

This list presents possible independent and commercial sources of items to complement the activities in Unit 3. The sources are offered without recommendation or endorsement by NASA. Inquiries should be made directly to the appropriate source to determine availability, cost, and ordering information before sending money. Contact your NASA Educator Resource Center (see Page 146) for more resources available directly from the National Aeronautics and Space Administration.

Bottle Biology, by the Bottle Biology Project, 1993, Kendall/Hunt Pub. Co.,127 p. An idea book for exploring the world through plastic bottles and other recyclable materials.
Dept. of Plant Pathology, College of Agricultural and Life Sciences, University of Wisconsin-Madison
1630 Linden Dr.
Madison, WI 53706
608-263-5645